Geometry

Blog #2

Option 1: Design a floor plan using [www.floorplanner.com](http://www.floorplanner.com) (Note: You can only create one free plan so don’t discard a plan you don’t like. Just delete things off it. If by chance you cannot do it online, draw a model to SCALE on paper.

You need 5 rooms. You must use 3 different polygons we talked about. Find the area of each one. (Note: On the website, write down the dimensions as you build the floorplan. It’ll save you time.)

Print out floorplan and turn in.

For blog:

Give the dimensions, shape, and area of the five rooms. State the formula you used AND show your work. Remember there are 12 inches in 1 foot. (12 points)

Give three examples in home design/remodeling where you would need to be able to calculate the area of a polygon. (Don’t give trivial examples.) (6 points)

Turn in floorplan with labeled dimensions. (2 points)

Option 2: Continue the football question for yesterday. Collect all the measurements needed to figure out how much field turf would be needed to cover the football field (and surrounding grass).

Include the following in your blog:

Dimensions of the football field (1 point)

Dimensions collected (3 points)

Areas of the polygons-include work (5 points)

Units you used (1 point)

Final answer (2 points)

Write 3-10 sentences describing your thought process. Give enough details so that it is evident that you understand the concept of area. (8 points)

Due Monday